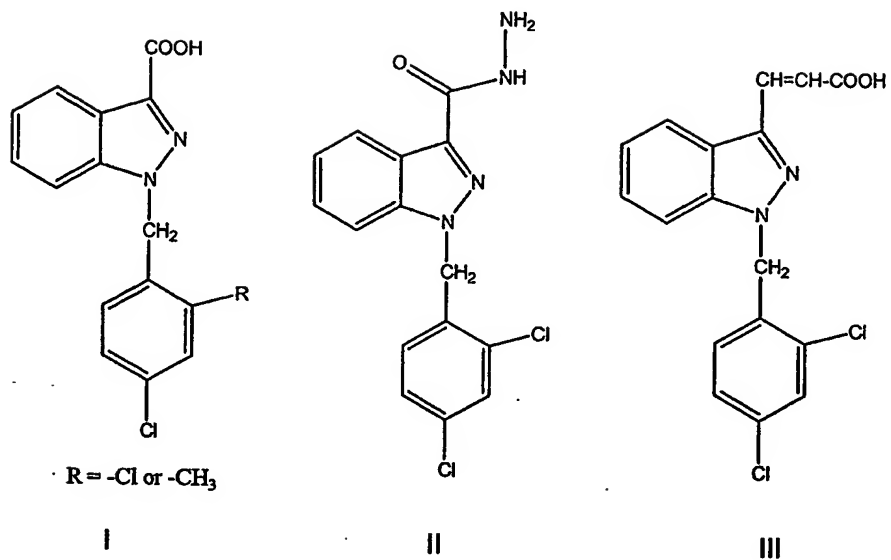


10/542312

1/10

FIGURE 1

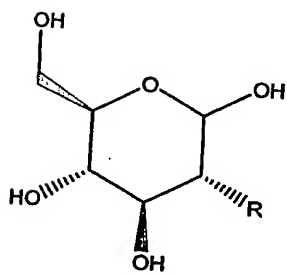
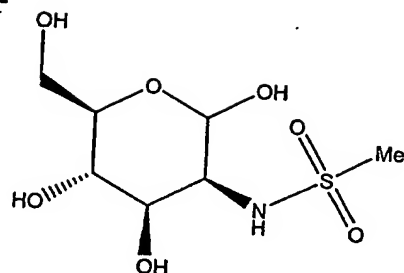
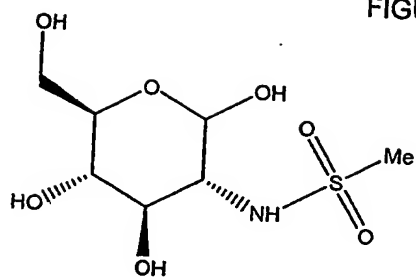
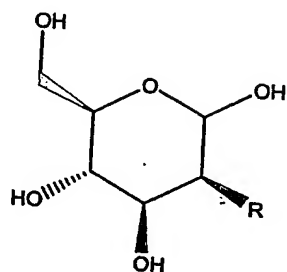
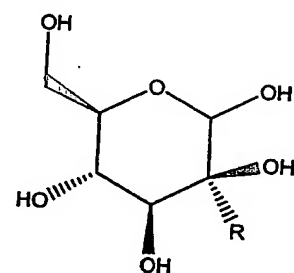
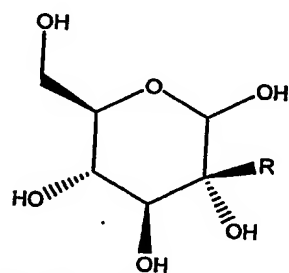
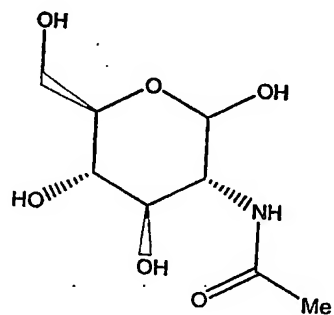
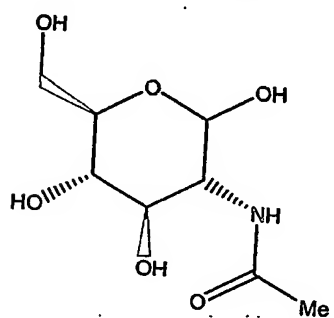
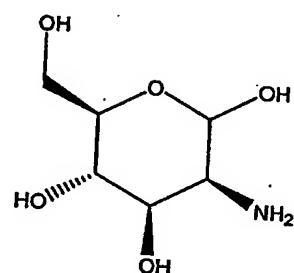


BEST AVAILABLE COPY

10/542312

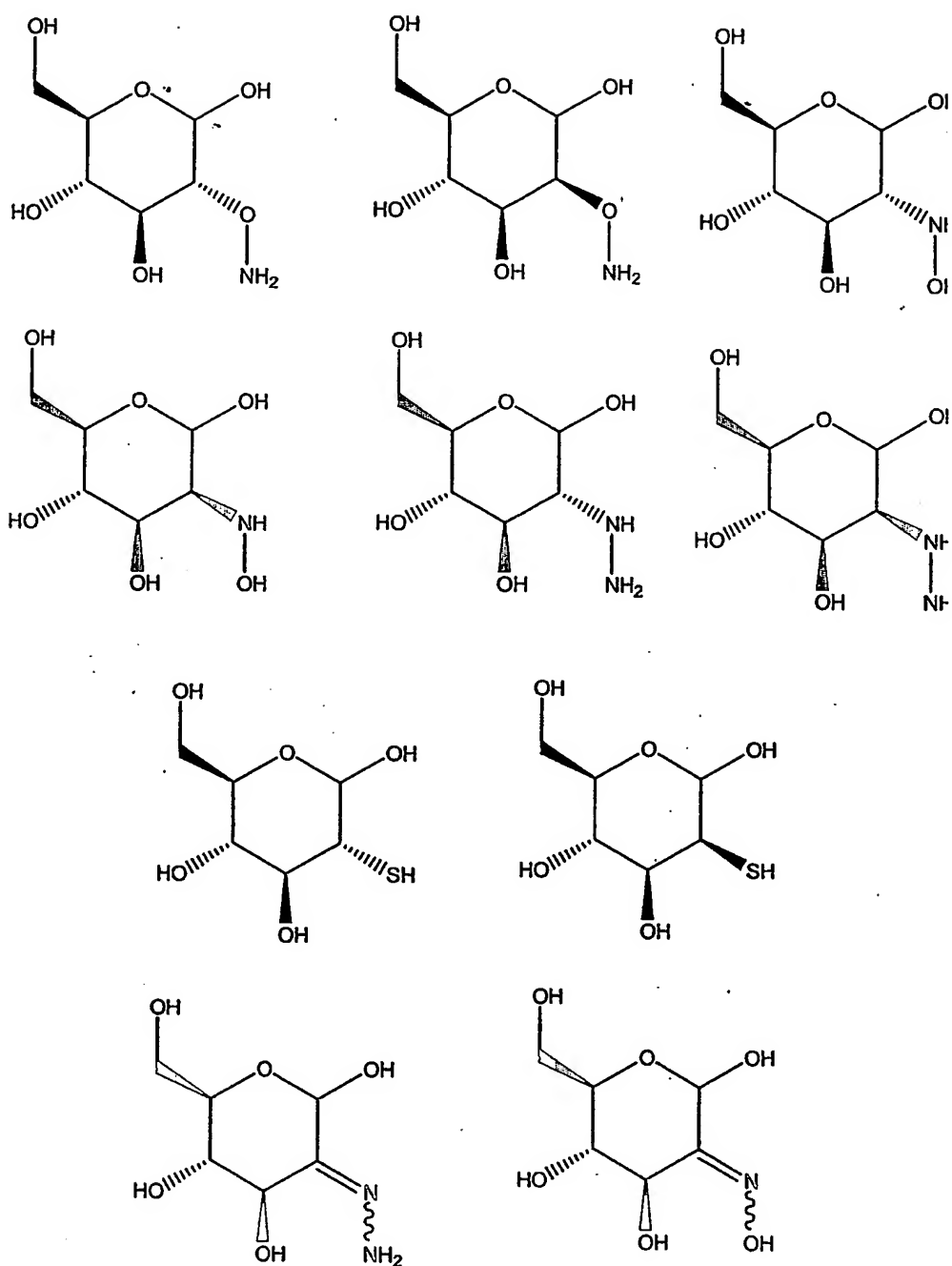
2/10

FIGURE 2

 $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$ 

10/542312

Figure 2, continued



wavy bond denotes E or Z isomer of double bond

101542312

4/10

Expression of HIF-1 α and HIF-1 β in LNCaP Cells

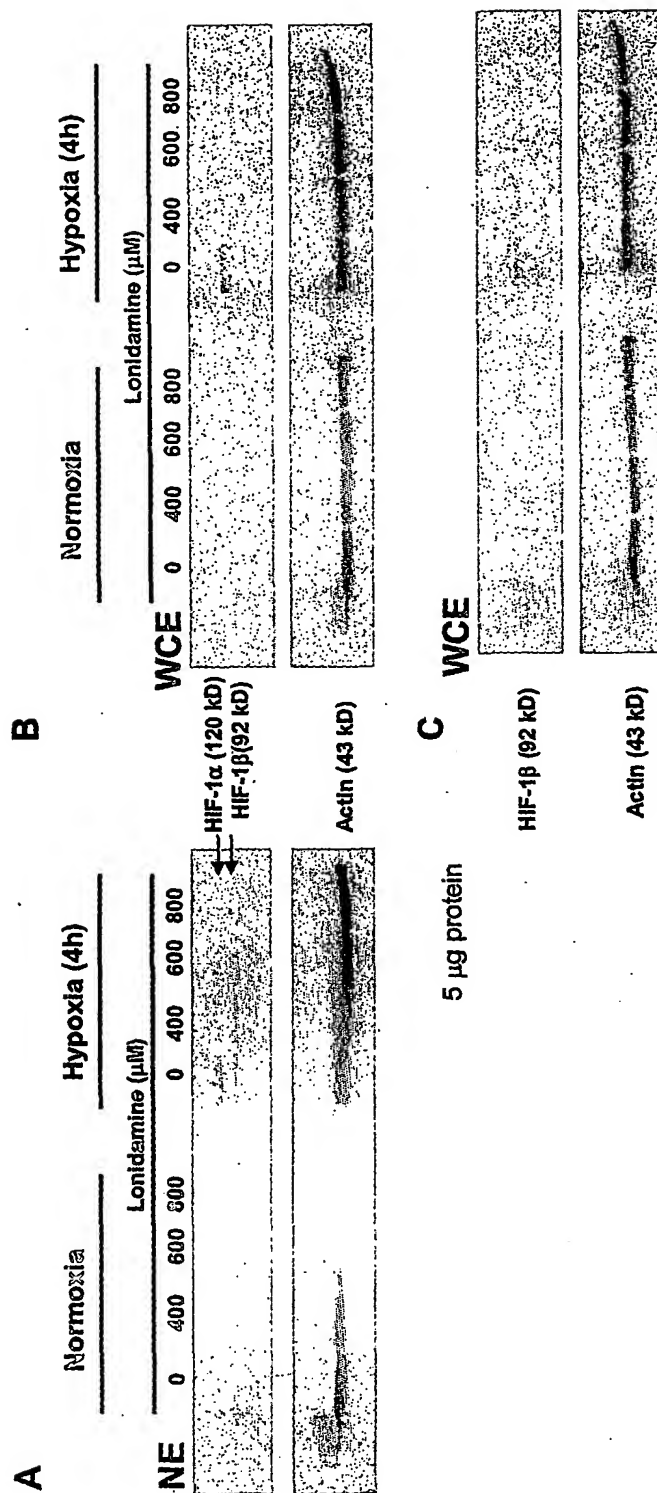


Figure 3

10/542312

5/10

Expression of HIF-1 α and HIF-1 β in PC-3 Cells

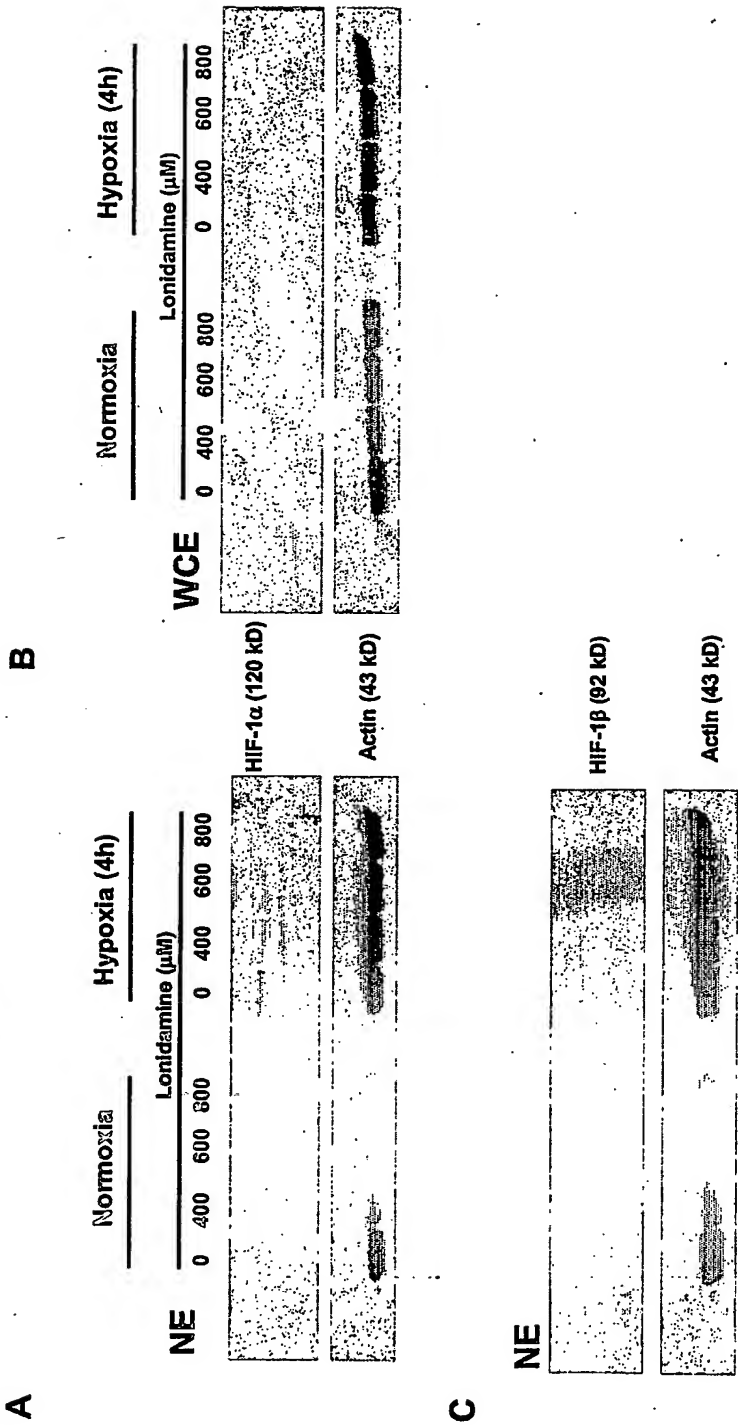
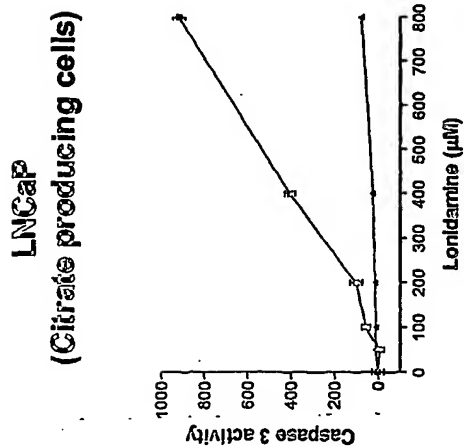


Figure 4

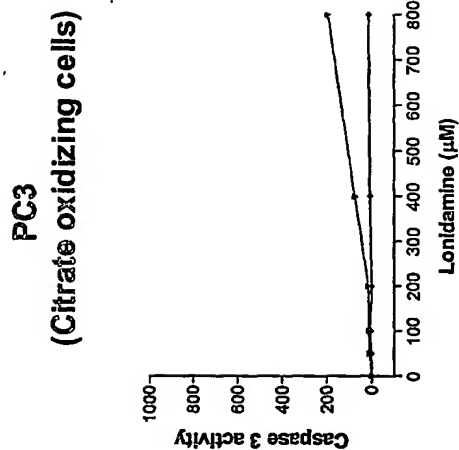
10/542312

Lonidamine-Induced Apoptosis

A



B



6/10

Figure 5

10/542312

7/10

Lonidamine-Induced Apoptosis

Prostate epithelial cells 800 μ M Lonidamine
(citrate producing cells)

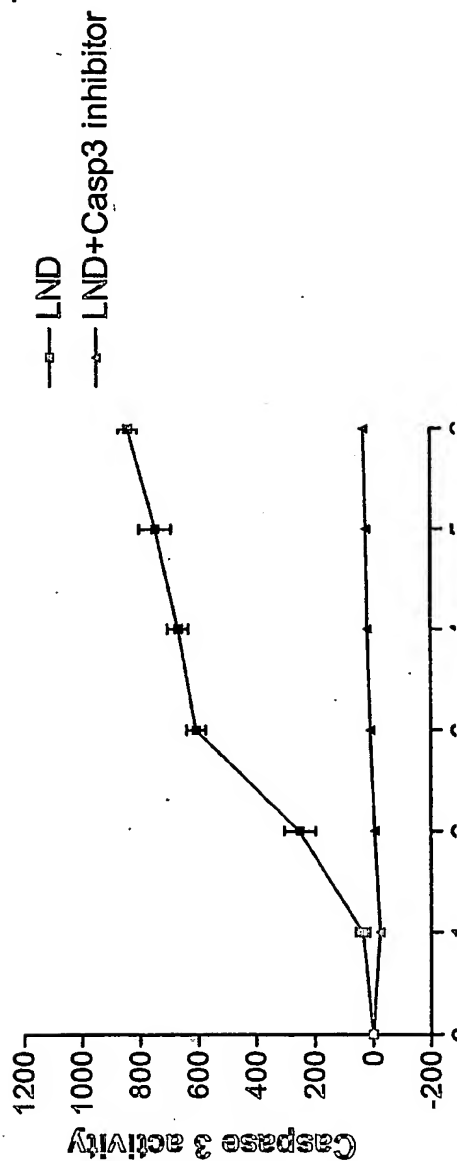


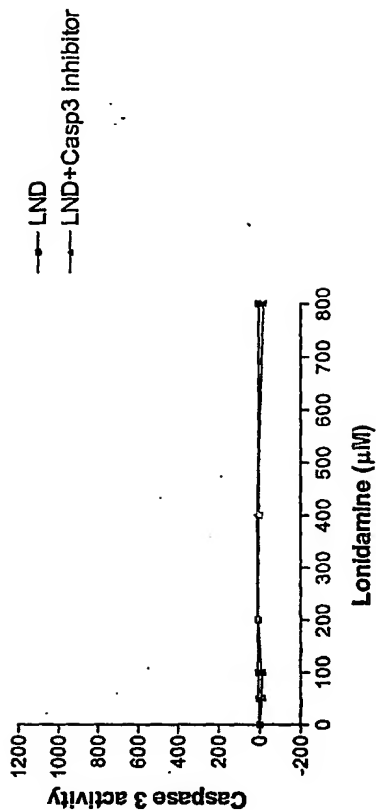
Figure 6

10/542312

8/10

Lonidamine-Induced Apoptosis

B Prostate stromal cells



A Prostate epithelial cells (citrate producing cells)

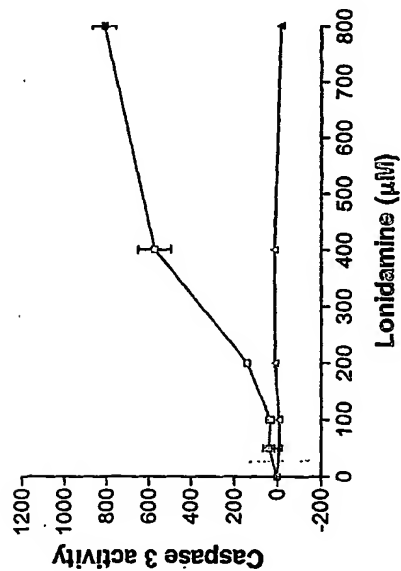


Figure 7

10/542312

9/10.

Whole Cell Extract (LNCaP cells)

Normoxia Hypoxia (4h)

Lonidamine (μM)

WCE 0 0 100 200 400 600

HIF-1α (120 kD)
HIF-1β (92 kD)

Fold difference of HIF-1α 1.0 3.2 3.1 1.3 0.9 1.5
Fold difference of HIF-1β 1.0 1.0 1.0 0.7 0.6 1.1

Actin (43 kD)

Fold difference of actin 1.0 1.0 1.0 1.1 1.0 1.1 1.2

Full-length caspase-3 (35 kD)

Cleaved caspase-3 (17 and 19 kD)

NF-κB p65 (65 kD)

IκBα (41 kD)

Fold difference of NF-κB 1.0 1.0 1.0 1.0 1.0 1.0

Fold difference of IκBα 1.0 1.1 1.3 1.0 1.1 0.9

Figure 8

10/542312

10/10

Nuclear Extract (LNCaP cells)

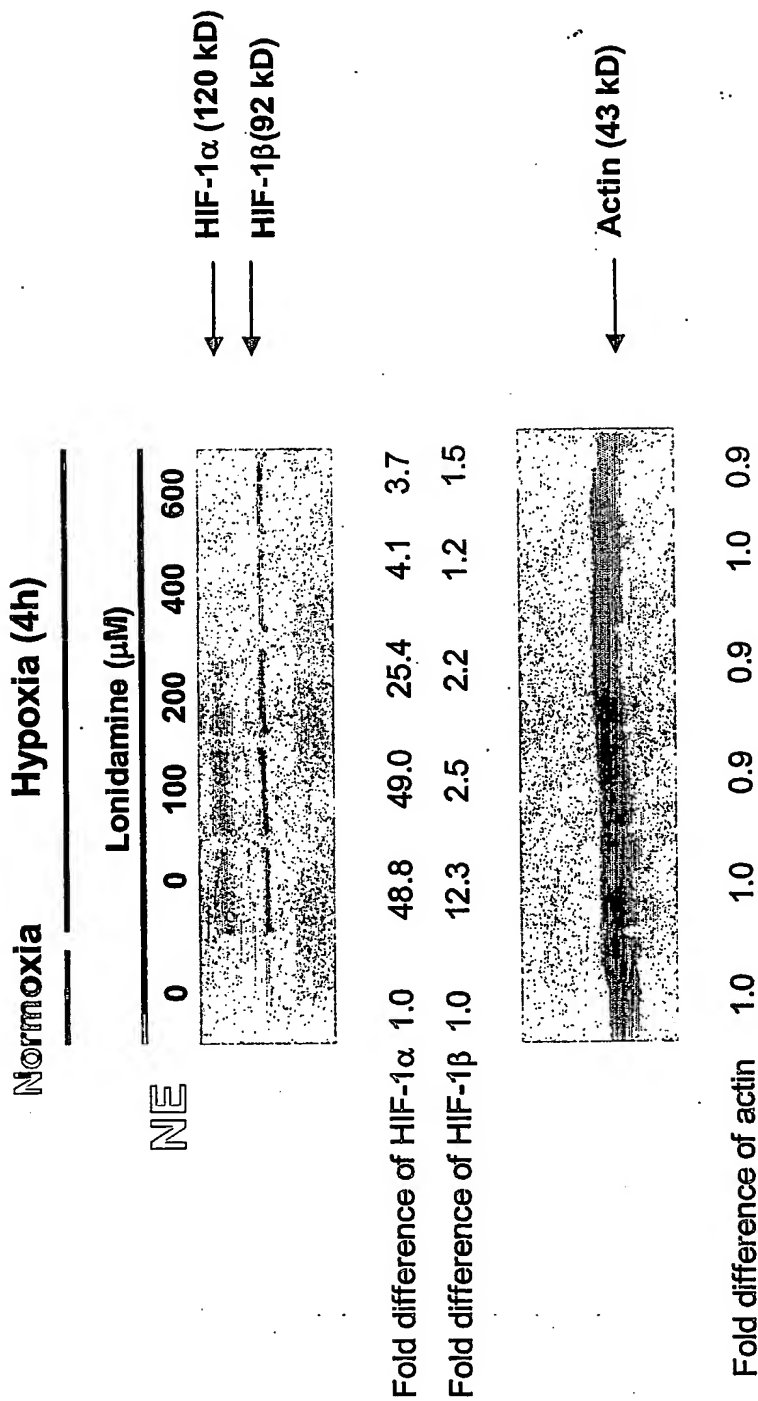


Figure 9

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.